

Claims

- [c1] A therapeutic mattress comprising a stabilizing visco-elastic polyurethane outer shell, a visco-elastic polyurethane inner shell disposed within the outer shell, a fluid-based inner cavity encapsulated by the inner shell, and a plurality of speakers in sonic communication with the fluid-based inner cavity.
- [c2] The mattress of claim 1, wherein the viscosity of the polyurethane shell is sufficiently resilient for the performance of surgical procedures.
- [c3] The mattress of claim 1, wherein the outer shell is about 4-inches thick.
- [c4] The mattress of claim 1, wherein the inner shell is about 2.5-inches thick.
- [c5] The mattress of claim 1, whereby a waterproof circumferential surface encloses the outer shell.
- [c6] The mattress of claim 1, whereby the fluid-based inner cavity is comprised of compressible shock absorbing fluid.
- [c7] The mattress of claim 1, wherein the speakers are disposed below the fluid-based inner cavity.
- [c8] The mattress of claim 7, wherein the speakers emit low frequency resonance generating fluid sound waves.

- [c9] The mattress of claim 7, wherein the speakers are in parallel arrangement throughout the bottom surface of the inner mattress.
- [c10] The mattress of claim 8, whereby the frequency emission is adjustable through an external control.
- [c11] A therapeutic mattress comprising a stabilizing visco-elastic polyurethane outer shell about 4-inches thick having a viscosity sufficiently resilient for the performance of surgical procedures, a visco-elastic polyurethane inner shell about 2.5-inches thick disposed within the outer shell, a waterproof circumferential surface enclosing the outer shell, a fluid-based inner cavity encapsulated by the inner shell, the fluid-based inner cavity is filled with compressible shock absorbing fluid, a plurality of speakers emitting low frequency resonance generating fluid sound waves in sonic communication with the fluid-based inner cavity, the speakers are in parallel arrangement throughout the bottom surface of the inner mattress and an external control adapted to adjust the frequency emitted through the speakers.